

REMARKS

In the Official Action of May 11, 2005, Claims 1–17 were allowed; Claims 18 and 19 were rejected under 35 U.S.C. 102(e) as being anticipated by Leisten et al US Patent 6,690,336; and Claim 20 was rejected under 35 U.S.C. 103(a) as being unpatentable over Leisten et al in view of Toncich et al US Patent 6,833,820.

Claim 18 has been amended in order to more sharply distinguish over Leisten et al. Thus, Claim 18 has been amended to expressly set forth that the electrically–conductive helix is “of at least one complete helical turn”. This clearly distinguishes from Leisten et al, since antenna elements 10A and 10B of that patent are described as “being in the form of a simple helix executing a half turn around the axis of the core 12” (Column 5, lines 20–23).

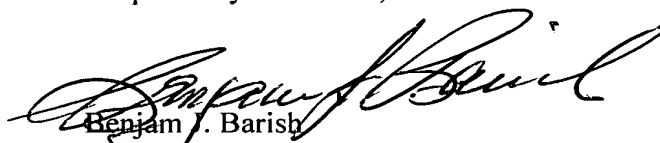
Claim 18 thus clearly distinguishes over this reference. It is submitted, therefore, that Claim 18 is now clearly allowable.

Claims 19 and 20 both depend from Claim 18, and are therefore submitted to be patentable over this reference for the same reasons as Claim 18, apart from the additional features set forth in the respective dependent claims. In this respect, it is noted that Toncich et al was relied upon, in the rejection of Claim 20, only for its disclosure of the particular dielectric core materials used. Therefore, the secondary reference is no more relevant to Claim 18 as amended, and therefore to its dependent Claim 20, than the Leisten et al patent discussed and distinguished above.

The amendment to the specification is made merely to conform the language therein to the language now used in Claim 18.

Since the remaining Claims 1–17 have already been allowed, it is believed this Application is now in condition for allowance, and an early Notice of Allowance is respectfully requested.

Respectfully submitted,


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